

ABSTRACT

A fire resistant fabric material comprising a substrate having an ionic charge which is coated with a coating having essentially the same ionic charge. The coating consists essentially of a filler material comprising clay and a binder material. The substrate is preferably fiberglass, the filler material may further comprise at least one additional filler selected from the group consisting of decabromodiphenyloxy, antimony trioxide, fly ash, charged calcium carbonate, mica, glass microspheres and ceramic microspheres and mixtures thereof and the binder material is preferably acrylic latex.

NY02:346489.1